MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate :						
1	This is certified that the work done is satisfactorily						
2	There are no departmental issue of material for the work.						
3	All the debries has been cleared from the worksite.						

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Job No 017-14-000020.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 11886

Est cost 8.49.96 lakhs

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor or nature of Agency m/s K. Damodar and Co.
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :-	Providing and laying HDPE water line in VR layout in J.P. Park Ward No 17.					
	Name of Agency :-	m/s K. Damodar & Co.					
	work order No :-	EE/RRNS/WO.No/227/2013-14 dt 6/2/2014.					
	Tender cost :-	Rs 53,45,264=00.					
	Date of Recording :-						
1	Item No 0 :- Earth work excavation for foundation of buildings, Culverts, Water Supply, Sanitary lines and electrical conduits either in pits or trenches 1.5 m and below in width in hard soil not exceeding 1.5 m in depth etc complete.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Detailed measurement vide IPC Page no 1 to 5					2298.15 Cum	
						@ Rs 244=00/ cum	
						2,42,577-00 Rs 560749=00	
2	Item NO (2) : Providing and fixing to wall, ceiling and floor High Density polyethylene pipes 6.00 kgf/ Sq. cm working Pressure 90 mm out side diameter, compression type fittings, wall clips, making good the wall etc complete.					2250.00 Rmtr.	
	Detailed measurement vide IPC Page no 6 to 9					@ Rs 536=00/Rmtr	
						Rs 12,06,000=00	
3	Item no (3) :- Providing and fixing to wall, ceiling and floor High density Polyethylene pipes 10.00 kgf/sq.cm working Pressure 25 mm						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 11887

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Out side diameter, compression type fittings, wall clips, making good the wall ceiling and floor etc complete.					2640.70	
	Detailed measurement vide IPC page no 10					2880.0 Rmtr.	
						@ Rs 114=00/Rmtr.	
						Rs 3,28,320=00	
						301,040=00	
4	Item no (4) : Providing and fixing in trenches galvalised mild steel tubes 20 mm dia nominal bore with all fittings including cost of all materials, labour charges, HOM of equipments and testing complete					460.80 Rmtr	
	Detailed measurement vide IPC Page no 11					@ Rs 211-00/Rmtr	
						Rs 97229=00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
5	Item No (5) : Providing and fixing 25 mm dia nipple complete as per Specifications and as directed by the Engineer In charge. Detailed measurement vide IPC Page no 11					384.00 NO @ Rs 34=00/NO Rs 13056=00	
6	Item No (6) : Providing and fixing reducer elbow 25 mm to 20 mm complete as per Specifications and as directed by Engineer in charge. Detailed measurement vide IPC Page no 11					768.00 No @ Rs 44=00/no Rs 33792=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 11888

Serial No. ..... From ..... To .....
Name of work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
7	Item No (7) : Providing and fixing 20 mm dia nipple. Complete as per Specifications and as directed by Engineer in charge. Detailed measurement vide IPC page no 11					384.00 NO @ Rs 22=00/NO = Rs 8448=00	
8	Item No (8) : Providing and fixing HDPE 90x32 mm saddle with brass nuts and bolts including cost of all materials, labour charges, Hire of equipments and testing etc complete. Detailed measurement vide IPC Page no 11					768.00 No @ Rs 375.00 Rs 2,88,000=00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
9	Item No (9): Providing and fixing 20 mm dia union, Complete as per specification and as directed by Engineer in-charge. Detailed measurement vide IPC page no 11					384.00 No @ Rs 58.00/no Rs 22272=00	
10	Item no (10): Providing and fixing 20 mm dia hose coller, complete as per specification and as directed by Engineer in charge. Detailed measurement vide IPC page no 11					768.00 NO. @ Rs 28.00/NO = Rs 21504=00	
11	Item no (12): Providing and fixing 20 mm to 15 mm reducer elbow complete as per specification and as directed by Engineer in charge.						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 11889

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Detailed measurement vide IPC page no 11					768.00 NO @ Rs 24.00/NO Rs 18432=00	
12	Item no (14): Providing and fixing 20 mm elbow, complete as per specifications and as directed by the Engineer in charge. Detailed measurement vide IPC page no 11					768.00 No @ Rs 19=00/NO Rs 14592=00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13	Item No (13) :- Providing and fixing 20 mm NP bib cock complete as per specifications and as directed by Engineer in charge.						
	Detailed measurement vide IPC Page No 11					384.00 No	
					@ Rs	202=00/No	
					Rs	77568=00	
14	Item No (14) :- Refilling available earth around pipe lines, cables in layers not exceeding 20 cm in depth, compacting each deposited layer by ramming after watering with lead up to 50 m and lift up to 1.5 m etc complete					497.08	
	Detailed measurement vide IPC page No 12 to 16					3601.80 Cum	
					@ Rs	65=00/Cum	
					Rs	234065=00	
						32,310=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	1656.72	8
16	Detailed measurement vide IPC Page No 22 to 26					2063.20 Sqm	
					@ Rs	47=00/Sqm	
	77,866-00				Rs	96973=00	
17	Item No (17) :- providing and laying Bitaminous Macadam on prepared surface with crushed coarse aggregate as per design mix formula for base/binding course including loading aggregate with F.E. loader etc complete.					82.84	
	Detailed measurement vide IPC Page No 27 to 31					103.16 Cum	
					@ Rs	7205=00/cum	
	5,96,834-00				Rs	743268=00	
18	Item No (18) :- providing and applying Tack coat on the prepared black topped surface at 2.5 kg per 10 sq m, heated bitumen in boiler including cost of all labours etc complete						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 11891

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Detailed measurement vide IPC Page no 32 to 36.					2063.25 Sqm @ Rs 19=00/sq.m Rs 39202=00	1656.7 31,478-00
19	Item no (19) :- providing and laying Semi Dense Bituminous concrete with 100-120 TPH batch type HMP producing an average out put of 75 Tonnes per Hour using crushed aggregates of specified grading premixed with bituminous binder @ 4.0 to 4.5 %. etc complete Detailed measurement vide IPC Page no 37 to 41					51.58 Cum 41.42 @ Rs 10451=00/Cum	
						Rs 539063 = 00	4,32,860.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
20	Item No (20) :- Providing and laying in position plain cement Concrete of mix M10 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal coarse aggregate @ 0.892 Cum and fine aggregates @ 0.465 Cum etc complete. Detailed measurement vide IPC Page no					23.49 Cum @ Rs 4812.00/Cum Rs 113034 = 00	
21	Item No (21) :- Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 kgs, with 20 mm and down size graded granite metal coarse aggregate @ 0.64 Cum and fine aggregate 0.43 Cum etc complete Detailed measurement vide IPC Page no					35.24 Cum @ Rs 5696=00/Cum = Rs 200727=00	

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BR:NO-250/30.06.14						
	Certificate:						
1	This is certified that the work done is satisfactorily						
2	There are no departmental [illegible] work.						
3	All the debries had been [illegible]						
	Bill Amt:- 40,66,393=00						
	IT - 43,104=00						
	KST - 1,62,656=00						
	FSD - 2,64,316=00						
	L.cess - 40,664=00						
	CBF - 4,100=00						
	Royalty - 34,000=00						
	Fine - 5000=00						
	Adj:- 5,53,840=00						
	Net:- 35,12,533=00						

Admitted Rs. 40,66,393=00

Cleared

Cheque Rs. 35,12,533=00

Thirty five lakh twelve thousand five hundred is thirty three only

Adjustment Rs 5,53,840=00

Clerk / Checker for K. Goundy Accounts Superintendent

Executive Engineer

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